



Sheet 1 of 2

Form PTO-1449 (Rev. 7-80)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		ATTY. DOCKET No. 03PM-9035		Serial No. 09/681,425 Customer No. 006152							
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Karanam et al.									
				Filing Date 03/30/2001		Group							
U.S. Patent Documents													
Examiner Initial		Document Number			Date	Name	Class	Subclass	Filing Date if Appropriate				
me	AA	6	3	1	1	0	5	10/30/2001	Lothar E.S. Budike, Jr.	700	291	05/29/1998	
me	AB	6	2	8	9	2	6	7	09/11/2001	James O. Alexander et. al.	700	286	03/19/1998
me	AC	6	1	8	5	4	8	3	02/06/2001	Kirk H. Drees	700	295	01/27/1998
me	AD	6	1	2	2	6	0	3	09/19/2000	Lothar E.S. Budike, Jr.	702	182	06/10/1998
me	AE	6	0	2	4	7	4	1	02/15/2000	Warren P. Williamson et al	606	40	03/05/1997
me	AF	5	9	8	6	5	7	4	11/16/1999	Laurence J. Colton	340	870.02	04/23/1998
me	AG	5	8	9	0	6	5	3	04/06/1999	William W. Kelly	239	5	04/23/1998
me	AH	5	6	2	7	7	5	9	05/06/1997	Michael K. Bearden et. al.	702	62	05/31/1995
me	AI	5	5	7	2	4	3	8	11/05/1996	Gregory A. Ehlers et. al.	700	295	01/05/1995
me	AJ	5	3	8	4	9	9	4	01/31/1995	Paul A. Borba	52	261	03/16/1996
me	AK	4	9	2	4	4	0	4	05/08/1990	Karl L. Reinke Jr.	705	412	04/11/1988
Foreign Patent Documents													
		Document Number			Date	Country	Class	Subclass	Translation				
									Yes	No			
	AL												
	AM												
	AN												
	AO												
	AP												
Other Prior Art (Including, Author, Title, Date, Pertinent Pages, etc.)													
	AR												
	AS												
	AT												
	AU												
	AV												
	AW												

Examiner

Date Considered

6/11/03
Michael Chanin

6/11/03



Sheet 2 of 2

Form PTO-1449 (Rev. 7-80)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	ATTY. DOCKET No. 03PM-9035	Serial No. 09/681,425 Customer No. 006152			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		Filing Date 03/30/2001	Group			
U.S. Patent Documents						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
me	AA 4 9 0 1 0 0 7	02/13/1990	Timothy D. Sworm	324	110	08/31/1988
me	AB 4 8 5 5 9 2 2	08/08/1989	Paul M. Huddleston et al	700	295	03/20/1987
me	AC 4 8 3 0 7 5 7	05/16/1989	John T. Lynch et. al.	210	742	10/13/1987
me	AD 4 6 4 4 3 2 0	02/17/1987	R. Stephen Carr et. al.	340	310.06	09/14/1984
me	AE 4 5 8 3 6 8 2	04/22/1986	Orlando Hernandez	236	46R	03/22/1984
me	AF 4 4 8 4 6 2 0	11/27/1984	Thomas K. McHugh	165	11.1	10/29/1981
me	AG 4 1 0 6 0 9 5	08/08/1978	Grover A. Yarbrough	705	412	05/31/1977
me	AH 3 9 8 7 3 0 8	10/19/1976	John Burch	307	41	06/16/1975
	AI					
	AJ					
	AK					
Foreign Patent Documents						
	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
	AL					
	AM					
	AN					
	AO					
	AP					
Other Prior Art (Including, Author, Title, Date, Pertinent Pages, etc.)						
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					

Examiner

Richard Shorin

Date Considered

6/11/03

Duplicate

Sheet 2 of 2

Form PTO-1449 (Rev. 7-80)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				ATTY. DOCKET No. 03PM-9035		Serial No. 09/881,425 Customer No. 006152	
LIST OF PRIOR ART CITED BY APPLICANT									
(Use several sheets if necessary)						Filing Date 03/30/2001		Group	
U.S. Patent Documents									
Examiner Initial		Document Number		Date	Name	Class	Subclass	Filing Date if Appropriate	
MC	AA	4	9	0	1	0	0	7	02/13/1990 Timothy D. Sworm 324 110 08/31/1988
MC	AB	4	8	5	5	9	2	2	08/08/1989 Paul M. Huddleston et al 700 295 03/20/1987
MC	AC	4	8	3	0	7	5	7	05/18/1989 John T. Lynch et. al. 210 742 10/13/1987
MC	AD	4	6	4	4	3	2	0	02/17/1987 R. Stephen Carr et. al. 340 310.06 09/14/1984
MC	AE	4	5	8	3	6	8	2	04/22/1986 Orlando Hernandez 236 46R 03/22/1984
MC	AF	4	4	8	4	6	2	0	11/27/1984 Thomas K. McHugh 165 11.1 10/29/1981
MC	AG	4	1	0	6	0	9	5	08/08/1978 Grover A. Yarbrough 705 412 05/31/1977
MC	AH	3	9	8	7	3	0	8	10/19/1976 John Burch 307 41 08/18/1975
	AI								
	AJ								
	AK								
Foreign Patent Documents									
		Document Number		Date	Country	Class	Subclass	Translation	
								Yes	No
	AL								
	AM								
	AN								
	AO								
	AP								
Other Prior Art (Including, Author, Title, Date, Pertinent Pages, etc.)									
	AR								
	AS								
	AT								
	AU								
	AV								
	AW								

Examiner

Mohamed Chai

Date Considered

6/11/03

Duplicate

Sheet 1 of 2

Form PTO-1449 (Rev. 7-80)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		ATTY. DOCKET No. 03PM-9035		Serial No. 09/681,425 Customer No. 006152	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Karanam et al.			
				Filing Date 03/30/2001		Group	
U.S. Patent Documents							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
mc	AA	6 3 1 1 1 0 5	10/30/2001	Lothar E.S. Budike, Jr.	700	291	05/29/1998
mc	AB	6 2 8 9 2 6 7	09/11/2001	James O. Alexander et. al.	700	286	03/19/1998
mc	AC	6 1 8 5 4 8 3	02/08/2001	Kirk H. Drees	700	295	01/27/1998
mc	AD	6 1 2 2 6 0 3	09/19/2000	Lothar E.S. Budike, Jr.	702	182	06/10/1998
mc	AE	6 0 2 4 7 4 1	02/15/2000	Warren P. Williamson et al	606	40	03/05/1997
mc	AF	5 9 8 6 5 7 4	11/16/1999	Laurence J. Colton	340	810.02	04/23/1998
mc	AG	5 8 9 0 6 5 3	04/06/1999	William W. Kelly	239	5	04/23/1998
mc	AH	5 6 2 7 7 5 9	05/06/1997	Michael K. Bearden et. al.	702	62	05/31/1995
mc	AI	5 5 7 2 4 3 8	11/05/1996	Gregory A. Ehlers et. al.	700	295	01/05/1995
mc	AJ	5 3 8 4 9 9 4	01/31/1995	Paul A. Borba	52	261	03/16/1996
mc	AK	4 9 2 4 4 0 4	05/08/1990	Karl L. Reinke Jr.	705	412	04/11/1988
Foreign Patent Documents							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AL						
	AM						
	AN						
	AO						
	AP						
Other Prior Art (Including, Author, Title, Date, Pertinent Pages, etc.)							
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						

Examiner

Date Considered

Michael Shaw

6/11/03